

# XL Series Patio Heater Instruction Manual

Supplier Model# PH01-S, PH01-SS

Item # 61587,61588,61589,61590,61591,61592,61593
61594,61595,61600,61601







FOR YOUR SAFETY

- If you smell gas:
- 1. Shut off gas to the appliance.
- 2. Extinguish any open flame.
- 3. If odor continues, keep away from the appliance and immediately call your gas supplier or fire department.



DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

### **A**DANGER

Failure to comply with the precautions and instructions provided with this heater can result in death, serious bodily injury and property loss or damage from hazards of fire, explosion, burn, asphyxiation, and/or carbon monoxide poisoning. Only persons who can understand and follow the instructions should use or service this heater.

### **M**WARNING

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. An LP-cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

### **MARNING**

Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury or death. Read the installation, operation and maintenance instructions thoroughly before installing or servicing this equipment.



#### ATTACH YOUR RECEIPT HERE

Serial Number \_\_\_\_\_ Purchase Date \_\_\_\_\_



**Questions, problems, missing parts?** Before returning to your retailer, call our customer service hotline at **1-866-985-7877**, 9 a.m. – 6 p.m., EST, Monday – Friday or email at cservice@welltraveled.net.

#### TABLE OF CONTENTS

Table of ContentsPage 2
Before You BeginPage 2
Safety InformationPage 3-4
Package ContentsPage 5
Hardware ContentsPage 6
AssemblyPage 7-16
Operating InstructionsPage 16-19
Care and MaintenancePage 19-20
TroubleshootingPage 21
Replacement Parts ListPage 22
Warranty InformationPage 23

#### **BEFORE YOU BEGIN**

Please read and understand this entire manual before attempting to assemble, operate or install this appliance. If you have any questions regarding the product, please call customer service **1-866-985-7877**, 9 a.m. – 6 p.m., EST, Monday – Friday.

This manual contains important information about the assembly, operation and maintenance of this patio heater. General safety information is presented in the first few pages and is also located throughout this manual. Keep this manual for future reference and to educate new users of this appliance. This manual should be read in conjunction with the labeling on the appliance. Safety precautions are essential when any mechanical or propane fueled equipment is involved. These precautions are necessary when using, storing, and servicing. Using this appliance with the respect and caution demanded will reduce the possibilities of personal injury or property damage. The following symbols shown below are used extensively throughout this manual. Always heed these precautions, as they are essential when using any mechanical or propane fueled equipment.

### **⚠**DANGER

- \* EXPLOSION FIRE HAZARD
- \* Keep solid combustibles, such as building materials, paper, or cardboard a safe distance away from the heater as recommended by the instructions.
- \* Provide adequate clearances around air openings into the combustion chamber.
- \* Never use the heater in spaces which do or may contain volatile or airborne combustibles, or products such as gasoline, solvents, paint thinner, dust particles or unknown chemicals.
- \* During operation, this appliance can be a source of ignition. Keep heater area clear and free from combustible materials, gasoline, paint thinner, cleaning solvents and other flammable vapors and liquids. Do not use heater in areas with high dust content.

  Minimum heater clearances from combustible materials: three (3) feet or 36 inches from top and two (2) feet or 24 inches from sides.



- \* EXPLOSION FIRE HAZARD
- \* Never store propane near high heat, open flames, pilot lights, direct sunlight, other ignition sources or where temperatures exceed 120 degrees F (49 degrees C).
- \* Propane vapors are heavier than air and can accumulate in low places. If you smell gas, leave the area immediately.
- \* Never install or remove propane cylinder while heater is lighted, near flame, pilot lights, or other ignition sources or while heater is hot to the touch.
- \* This heater is red hot during use and can ignite flammables too close to the burner. Keep flammables at least 3 feet (36 inches) from top and 2 feet (24 inches) from sides. Keep gasoline and other flammable liquids and vapors well away from heater.
- \* Store the propane cylinder outdoors in a well ventilated space out of the reach of children. Never store the propane cylinder in an enclosed area (house, garage, etc.). If heater is to be stored indoors, disconnect the propane cylinder for outdoor storage.

## **△**WARNING

We cannot foresee every use which may be made of our heaters.

Check with your local fire safety authority if you have questions about heater use.

Other standards govern the use of fuel gasses and heat producing products for specific uses. Your local authorities can advise you about these.

If no local codes exist, follow National Fuel Gas Code, ANSI Z223.1. In Canada, installation must conform to local codes. If no local codes exist, follow the current National standards of CANADA CAN/CGA-B 149.2.



- \* CARBON MONOXIDE HAZARD
- \* This heater is a combustion appliance. All combustion appliances produce carbon monoxide (CO) during the combustion process. This product is designed to produce extremely minute, non-hazardous amounts of CO if used and maintained in accordance with all warnings and instructions. Do not block the air flow into or out of the heater.
- \* Carbon Monoxide (CO) poisoning produces flu-like symptoms, watery eyes, headaches, dizziness, fatigue and possibly death. You can't see and you can't smell it. It is an invisible killer. If these symptoms are present during operation of this product get fresh air immediately!
- \* For outdoor use only.
- \* Never use inside house or other unventilated or enclosed areas.
- \* This heater consumes air (oxygen). Do not use in unventilated or enclosed areas to avoid endangering your life.



WARNING indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.





CARBON MONOXIDE HAZARD

This appliance can produce carbon monoxide which has no odor. Using it in an enclosed space can kill you. Never use this appliance in an enclosed space such as a camper, tent or home.

#### SAFETY INFORMATION



California Proposition 65

Combustion by-products produced when using this product contain chemicals known to the State of California to cause cancer, birth defects, and other reproductive harm.



**BURN HAZARD** 

- \* Never leave heater unattended when hot or in use.
- \* Keep out of reach of children.



Certain materials or items, when stored under the heater, will be subject to radiant heat and could be seriously damaged.



SERVICE SAFETY

- \* Keep all connections and fittings clean. Make sure propane cylinder valve outlet is clean.
- \* During set up, check all connections and fittings for leaks using soapy water. Never use a flame to check for leaks
- \* Use as a heating appliance only. Never alter in any way to use with any device.



CAUTION indicates an imminently hazardous situation which, if not avoided, may result in minor or moderate personal injury, or property damage.

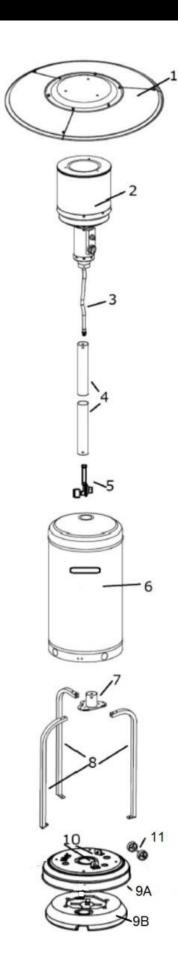
## **M**WARNING

- \* This product is fueled by propane gas. Propane gas is invisible, odorless, and flammable. An odorant is normally added to help detect leaks and can be described as having a "rotten egg" smell. The odorant can fade over time so leaking gas is not always detectable by smell alone.
- \*Propane gas is heavier than air and leaking propane will sink to the lowest level possible. It can ignite by ignition sources including matches, lighters, sparks or open flames of any kind many feet away from the original leak. Use only propane gas set up for vapor withdrawal.
- \* Store or use propane gas in compliance with local ordinances and codes or with ANSI/NFPA 58. Turn off propane when not in use.

### **M**WARNING

- \* Alert children and adults to the hazards of high surface temperatures. Stay away from these surfaces to avoid burning skin or igniting clothing.
- \* Carefully supervise young children when in the vicinity of the heater.
- \* Do not hang clothing or any other flammable materials from the heater, or place near the heater.
- \* Replace any guard or protective device removed for servicing the appliance prior to placing back in service.
- \* Installation and repair should be done by a qualified service person. The heater should be inspected before use and annually by a qualified service person. More frequent cleaning may be required as necessary. It is imperative that the control compartment, burners, and circulating air passageway of the appliance be kept clean.

### **PACKAGE CONTENTS**

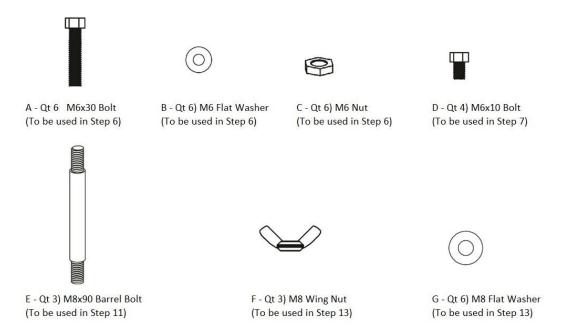


DESCRIPTION	QTY
Reflector	3 outer pcs and 1 center cap
Head Assembly	1
Gas Hose	1 pc (attached to head assembly)
Post Assembly	2 pcs
Regulator	1
Tank Housing	1
Post Support	1
Support Legs	3 pcs
Base	1
Sand/Waterbox	1 (pre-assembled to base)
LPG Cylinder Holder	3
Wheel Assembly	1 pc (hardware is pre-assembled to wheel assembly)
	Reflector Head Assembly Gas Hose Post Assembly Regulator Tank Housing Post Support Support Legs Base Sand/Waterbox LPG Cylinder Holder

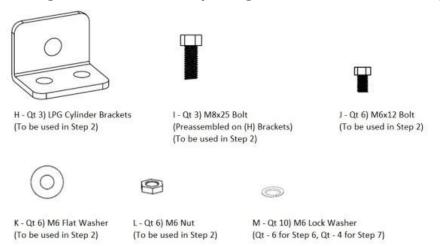
<sup>\*</sup>Some XL Series models include an optional table assembly which is to be installed immediately after Step 9. Please refer to page 12 for a list of table components and assembly instructions.

#### **HARDWARE CONTENTS**

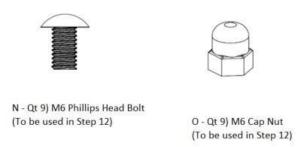
#### Blister Pack Hardware Contents: (Packaged inside the top section of the Heater Carton)



#### **Zip Lock Bag Hardware Contents: (Packaged inside the Heater Carton)**



#### 4-PC Reflector Hardware Bag: (Packaged with the 4-Pc reflector panels)



#### **PREPARATION**

Before beginning assembly of this appliance, make sure all parts are present. Compare all parts with package contents list as listed on page 5 of this manual. If any part is missing or damaged, do not attempt to assemble this product. Contact customer service for replacement parts.

#### ESTIMATED ASSEMBLY TIME: 60 minutes

#### **Tools Required for Assembly (Included)**

Open end wrench 10mm and 13mm

#### **Tools Required for Assembly (NOT included):**

Philips screwdriver w/medium blade Leak Test Solution (one part liquid dishwashing detergent and three parts water) Adjustable opening wrench, 8" long

#### Other items required for assembly:

• **AAA Battery**: This heater has a Rapid-Spark Electronic Ignition system and will require installation of 1) AAA battery. (NOT INCLUDED) The battery should be installed by unscrewing the RED IGNITER BUTTON on the front of the burner head assembly.

Once the battery has been installed please test the ignition system by briefly pressing the red igniter button. If you hear a rapid series of sparks your Rapid-Spark Electronic Ignition system is working properly. If you do not hear any sparks please check to make sure the battery in installed in the correct direction and that it is fresh and fully charged.

Otherwise please refer to the troubleshooting guide on page 21 of this manual for further assistance.

• **Sand (25 Lbs) for filling the Sand/Waterbox**: Your Fire Sense XL Series patio heater comes standard with an empty PVC Sand/Waterbox container which is pre-assembled to the heater base. Once filled with sand, this weighted container will add approximately 25 lbs. to the base of the heater providing extra stability and safety.

Tip: When filling with sand, having a funnel on hand will be helpful. If possible, use easy-to-pour, dry silica sand (available at most home improvement centers.)

**Note**: The Sand/Waterbox container may also be filled with water (mild weather climates) or automotive windshield washer fluid (cold weather climates) however, the additional weight when filled with water or windshield washer fluid will only add approximately 18 lbs. to the heater base as compared to the 25 lbs. when filled with sand.

Tip: To add an additional 5-6 lbs. of weight to a sand filled base, add water (mild weather climates) or windshield washer fluid to the base <u>after</u> filling it with sand.

#### Step 1 Sand/Waterbox assembly:

Your XL Series patio heater comes standard with an empty PVC Sand/Waterbox container which is preassembled to the heater base. Once filled with sand and topped off with water/windshield washer fluid, this weighted container will add approximately 30 Lbs. to the base of the heater providing extra stability and safety.

Hardware Used: None

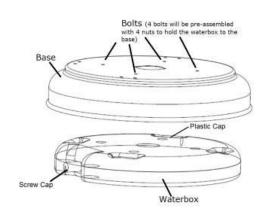
#### Disassemble the Sand/Waterbox container from the base:

a) Please disassemble the 3) (tall) Leg support posts which are preassembled to the heater base by removing the bolt that secures each leg to the base. (Please take note of the position of the legs prior to disassembling as they will later need to be reassembled in the same manner.)

b) Please disassemble the Sand/Waterbox container (9B) from the Heater Base (9A) by removing the 4 Phillips Head bolts and nuts that secure the heater base to the container. (Note: Please keep removed hardware nearby for reassembly during Step 4.)

c) Pry off the 2" cap on the top of the Sand/Waterbox container and fill the container with either sand or water/windshield washer fluid (or with sand then topped off with water/windshield washer fluid to add maximum weight possible) then snap the 2" PVC cap back into place.

**NOTE**: DO NOT reinstall the Sand/Waterbox to the base until **AFTER** completing Step 2 and Step 3 below. Please see Step 4 for instructions on reassembling the Sand/Waterbox to the base.



Tip: When filling with sand, having a funnel will be helpful.

**Note:** The Sand/Waterbox container may also be filled with water (mild weather climates) or automotive windshield washer fluid (cold weather climates) however the added weight of the base filled with water or windshield washer fluid will only add approximately 18 Lbs. to the heater base as compared to 30 Lbs. when filled with sand and topped off with water (mild climates) or Windshield Washer Fluid (Cold Climates.)

#### STEP 2: Install the 3) LPG Tank/Cylinder Hardware Brackets to the Heater Base

#### **Hardware Used:**

H: Qt 3) LPG Cylinder Brackets

I: Qt 3) M8x25 Bolt (Preinstalled on Cylinder Brackets H)

J: Qt 6) M6x12 Bolt

K: Qt 6) M6 Flat Washer

L: Qt 6) M6 Nut

**Note**: The 3) LPG Tank/Cylinder Hardware Brackets (H) are an important safety feature used to secure the 20lb cylinder tank to the base of the heater preventing the tank from becoming dislodged in the unlikely event that the heater were to be accidentally tipped over or moved.

1) Align the 2 holes in each of the 3) brackets with the holes in the base.

(Important: Please make sure that the brackets (H) are positioned on the base with the

preinstalled M8x25 bolt <u>heads</u> (I) facing toward the outside edge of the base, with the flush side of the bracket facing inward, toward the middle of the base. See illustration on pg 9)

- 2) Insert 2) M6x12 Bolts (J) through the holes in each bracket and through the holes in the base.
- 3) Attach an M6 flat washer (K) and an M6 nut (L) to the end of each bolt on the underside of the base and tighten with a wrench.



TIP: You may find it easier to attach the cylinder brackets by first removing the preassembled M8x25 cylinder bolts (I) from the brackets.

#### **Step 3: Install Wheel Assembly to heater Base:**

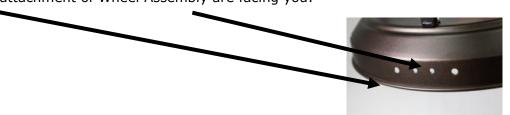
#### **Hardware Used: None**

(Note: All hardware used to complete Step 3 is already preassembled to the components)

1) Locate Wheel Assembly (11) and 2 nuts/bolts contained in plastic bag with Wheel Assembly.



Turn Base (9) so that holes for attachment of Wheel Assembly are facing you.



Align holes in Wheel Assembly with holes on Base. Insert bolts through both sets of holes and secure nuts on end of bolt.





Wheel Assembly should now be attached to Base as shown.



#### Step 4: Reassemble the fully-filled Sand/Waterbox container to the heater base:

#### Hardware used: None

(Note: All hardware used to complete Step 4 was originally preassembled to the components)

Position the heater base (which is now fully assembled with the wheels and cylinder brackets attached) over the fully filled Sand/Waterbox and reinstall the 4 bolts and nuts which were removed during step #1.

(Important: The top heater base MUST be positioned over the Sand/Waterbox container with the twist cap on the side of the Sand/Waterbox container pointing toward the wheels) To reinstall, insert the 4 bolts through holes in the top of the base and through the holes in the Sand/Waterbox below, and secure by tightening bolts to the end of the nuts. (Please make sure that you do not over-tighten as this could warp the top of the base)

Tip: Since the fully filled Sand/Waterbox weighs a hefty 30lbs, reassembling it to the heater base will be more challenging then the initial disassembly. To assist with the reassembly you may find it helpful to use a raised platform such as a table or bench and follow steps a-f below.

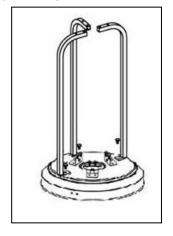
- a) Set the filled Sand/Waterbox on a sturdy raised platform/bench.
- b) Position the heater base over the top of the Sand/Waterbox with the wheels aligned directly in front of the twist off water cap on the side of the Sand/Waterbox container.
- c) Allow the bottom of the Sand/Waterbox to overhang the bench just enough to allow access to one of the four holes used for securing the 1st nut and bolt.
- d) Slide one of the hexagon nuts into the hexagon shaped hole in the bottom of the Sand/Waterbox and hold it in place with your finger.
- e) With your other hand, insert the bolt through the top of the base and using a Phillips Head screw driver turn clockwise until the bolt begins to thread a few turns into the nut (don't fully tighten until all 4 bolts and nuts are attached)
- f) Rotate the base slightly on the bench until the next bolt hole is just overhanging the table and repeat attaching the next nut/bolt. Do this until all four bolts are attached. Then use a Phillips Head screwdriver to hand tighten (evenly) all four bolts/nuts until they are tight. (Please make sure that you do not over-tighten as this could warp the top of the base) Then place the assembled heater base back on the ground.

#### Step 5: Reassemble the three (tall) support legs to the heater base

#### Hardware Used: None

(Note: All hardware used to complete step #5 was originally preassembled to the components)

Align the bottom of the 3 (tall) Support Legs (8) with the holes in the heater base (9A) in the same alignment as they were prior to being disassembled in Step 1. Re-insert each bolt (which had previously been removed) through the hole in the leg support and finger-tighten into the base so that the legs remain loose and moveable. (Note: Bolts will be fully tightened after completion of Step 6)



#### Step 6: Install post support bracket to the top of the 3 leg supports

#### **Hardware Used:**

A: Qt 6) M6x30 Bolt B: Qt 6) M6 Flat Washer

C: Qt 6) M6 Nut

M: Qt 6) M6 Lock Washer

- a) Place the Post Support Bracket (7) on top of the 3 assembled Support Legs and align the holes in the Post Support with the holes in the Support Legs.
- b) Place an M6 Flat Washer (B) on each of the 6 M6x30 Bolts (A) and then insert each bolt through the top of the holes in the post support bracket and through the holes in the top of each leg support.
- c) Place an M6 Lock Washer (M) and an M6 nut (C) on the end of each bolt, and finger-tighten until all 6 bolts/nuts are snug.
- d) After making sure that the bottom of the support legs are aligned on the Base without any torque/twist or stress in any of the legs, proceed to evenly tighten all 6 Bolts/Nuts on the post support assembly with a wrench.
- e) Once the 6 Bolts/Nuts on the post support assembly are tightly secured proceed to then use a wrench to evenly tighten each of the 3 leg support bolts to the base.



#### Step 7: Attach and secure the bottom section of the 2-pc post to the post support

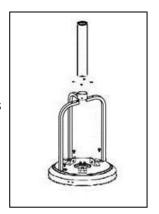
#### Hardware Used:

D: Qt 4) M6x10 Bolt

M: Qt 4) M6 Lock Washer

Attach the lower section of the 2-pc post assembly (4) to the Post Support bracket (7) using 4) M6x10 Bolts (D) and 4) M6 Lock Washers (M)

- a) Slide the bottom section of the 2-pc post assembly over the post support and line up the 4 holes in the bottom of the post with the 4 holes in the post support. (Note: The bottom section of the 2-pc post is the section without the attached label)
- b) Place an M6 Lock washer (M) on each of the 4) M6x10 Bolts (D). Insert the bolts through the holes in the Post into the 4 pre-threaded holes in the Post Support and tighten with a wrench.



#### Step 8: Attach the top section of 2-pc post to the bottom section

#### Hardware Used: None

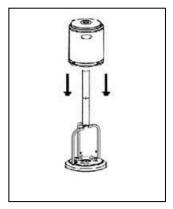
Attach the top section of the 2-pc post assembly to the bottom section by screwing the top section clockwise onto the bottom section of the post assembly until the connection is tight.



#### Step 9: Install the tank housing

#### Hardware Used: None

Place the Tank Housing (6) over the top of the assembled 2-pc Post and slide it down the post and over the Post Supports until it comes to rest on top of the base.



#### Step 10: Optional: Install adjustable drink table assembly

(For XL Series Models which include a table assembly)

#### Hardware Used: None

Some XL Series models include an adjustable drink table assembly which may be installed on the heater. If you wish to install this feature, please follow the instructions below (no tools required for assembly)

<b>FIG 1</b> : Slide 1 piece part B over part A and up	
to the top of part A.	

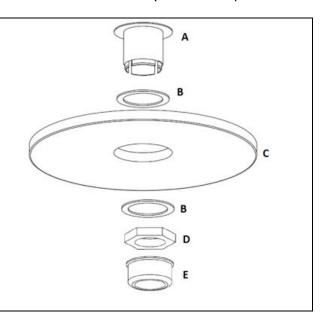
FIG 2: Insert part A through hole in part C.

**FIG 3**: Slide 1 piece part B over part A until it is flush against the underside of part C.

**FIG 4**: Screw part D onto end of part A and up until it is flush with the underside of part C.

**FIG 5**: Slide part E down over pole, then slide table assembly over pole and stop at desired height.

**FIG 6**: Screw part E over part A to secure table in position. Once table is at desired height, tighten part E.





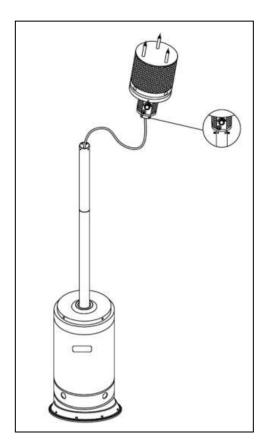
Step 11: Install burner head assembly to the top of the post

#### Tip: A safe and sturdy ladder will come in handy for the remaining installation steps

#### **Hardware Used:**

#### E: Qt 3) M8x90 Barrel Bolts

- a) Raise the table assembly (if installed in step 10) to approx. 6" below the top of the post. Then raise the Tank Housing and rest the bottom of the housing on the post supports to allow access to the tank/cylinder compartment.
- b) Screw the 3) M8  $\times$  90 Barrel Bolts (E) into the holes located on the top of the Head Assembly (2) and hand tighten until secure
- c) Remove the 4) M6x10 Bolts and 4) M6 lock Washers that come preassembled on the bottom of the burner head assembly.
- d) Hold the Head Assembly over the top of the Post and fully route the Gas Hose (3) down into the Post until it extends into the cylinder compartment.
- e) Rest the Head Assembly on the top of the Post and **turn the head assembly** until the controls on the head assembly are lined up directly above the decal on the post below.
- f) Align the 4 pre-threaded holes on Head Assembly with the 4 holes in the Upper Post and then re-install the 4) Bolts and 4) Lock washers which were removed earlier and tighten securely.



#### Step 12: Assemble the 4-pc Reflector Dome Top

Tip: To watch a helpful 2 minute instructional video demonstrating how to easily assemble the 4-pc reflector top, please to go to www.youtube.com and search for:"How To Assemble A Firesense Patio Heater Reflector Hood".

Hardware Used: (Note: Hardware is packaged with the 4-pc Reflector Panels)

N: Qt 9) M6 Phillips Head Bolt

O: Qt 9) M6 Cap Nut

Reflector (1) is comprised of 3 - outer pieces and 1 - center piece. Locate all 4 pieces of the Reflector which are wrapped in bubble wrap. Unwrap and remove all pieces and peel off the protective blue plastic on each piece. Locate 9 bolts and 9 cap nuts in the plastic bag. Align the 3 - outer pieces with the 1 - center piece and place a bolt through the center hole on each piece as shown below. Tighten castle nut on each bolt.





Next, align the sides of each outer piece and the center piece and insert the next 3 bolts through both holes. Tighten castle nuts on bolts. Finally, insert bolt through holes located at outside edge of adjoining panels of the reflector side pieces (3 bolts required) and tighten castle nuts on bolts.





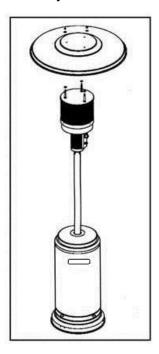
#### Step 13: Install the Assembled Reflector Dome to the top of the Burner Head Assembly

#### **Hardware Used:**

F: Qt 3) M8 Wing Nut G: Qt 6) M8 Flat Washer

- a) While supporting the heater, slide 1) M8 Flat Washer (G) over each of the 3 Barrel Bolts (E) on the top of the Head Assembly, then slide the assembled Reflector over the 3 Barrel Bolts.
- b) Secure the Reflector to the top of the Burner Assembly using 3) M8 Flat Washers (G) along with the 3) M8 Wing Nuts (F) and then tighten the wing nuts securely.

**Note:** You can also install the assembled reflector dome to the top of the Head Assembly by tilting the heater on its wheels, carefully and securely resting it into place on an angle which will allow you to complete the assembly.

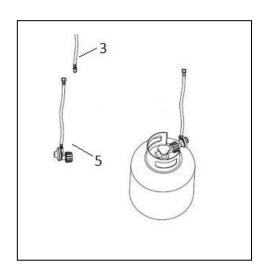


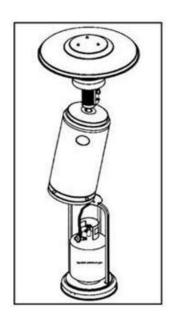
# Step 14: Connect the LP Hose and Regulator to the LP Cylinder Tank Hardware Used: None

With the bottom of the Tank Housing lifted up and resting on the Post Supports, screw the Regulator (5) onto the Gas Hose (3). Do not cross thread. Hand tighten securely. Attach Regulator (5) to the valve on LP cylinder and hand tighten securely.

Note: The LP cylinder tank is sold separately. Use a standard 20 lb. propane cylinder only.

**NOTE**: Use this heater only with a propane vapor withdrawal supply system. See chapter 5 of the standard for storage and handling of liquefied petroleum gas, ANSI/NFPA 58. Your local library or fire department should have this book.





#### Step 15: Secure the bottom of the LP Tank/Cylinder to the Base of the Heater

#### Hardware Used: None

Place the LP Tank/Cylinder onto the base of the heater and secure the Base to the Tank by evenly tightening the 3) M8x25 Bolts (I) which were originally preassembled to the 3 LPG Cylinder Brackets (H) which were thereafter assembled to the inside floor of the base during Step #2. Once the bolts are secured against the base rim of the Tank, lower the Tank Housing.

**Caution:** It is important to secure the cylinder tank to the heater base to ensure that the tank is not dislodged if accidentally tipped over during severe weather or while being moved.

#### **OPERATING INSTRUCTIONS**

A minimum supply pressure of .5 psi is required for the purpose of input adjustment of propane gas. Storage of an appliance indoors is permissible only if the cylinder is disconnected and removed from the appliance. A cylinder must be stored outdoors in a well-ventilated area out of the reach of children. A disconnected cylinder must have dust caps tightly installed and must not be stored in a building, garage, or any other enclosed area. The minimum permissible gas supply pressure of 11 W.C. is required for purpose of hose adjustment. The minimum hourly of 17,500 BTU is required input rating for a heater for automatic operation rating less than full input rating.

The pressure regulator and hose assembly supplied with the appliance must be used.

The installation must conform with local codes, or in the absence of local codes, with national fuel gas code, ANSI Z223.1/NFPA54, natural gas and propane Installation Code, CSA B149.1, or propane storage and handling code, B149.2

A dented rusted or damaged propane cylinder may be hazardous and should be checked by your local cylinder supplier. Never use a propane cylinder with a damaged valve connection.

The propane cylinder must be constructed and marked in accordance with the specifications for LP gas cylinders of the U.S. Department of Transportation (DOT) or the standard for cylinders, spheres and tubes for transportation of dangerous goods and commission, CAN/CSA-B339.

The cylinder must have a listed overfilling prevention device.

The cylinder must have a connection device compatible with the connection for the appliance.

The cylinder used must include a collar to protect the cylinder valve.

Never connect an unregulated propane cylinder to the heater.

- Do not store a spare LP-gas cylinder under or near this appliance.
- Never fill the cylinder beyond 80 percent full.
- Place the dust cap on the cylinder valve outlet whenever the cylinder is not in use. Only install the type of dust cap on the cylinder valve that is provided with the cylinder valve. Other types of caps or plugs may result in leakage of propane.

#### **OPERATING INSTRUCTIONS**

#### **Leak Test**



- \* Perform all leak tests outdoors.
- \* Extinguish all open flames.
- \* NEVER leak test when smoking.
- \* Do not use heater until all connections have been leak tested and show no signs of leakage.
- 1. Make 2-3 oz. of leak test solution (one part liquid dishwashing detergent and three parts water).
- 2. Apply several drops of solution where hose attaches to regulator.
- 3. Apply several drops of solution where regulator connects to cylinder.
- 4. Make sure all patio heater valves are OFF.
- 5. Turn cylinder valve ON.

#### IF BUBBLES APPEAR AT ANY CONNECTION, THERE IS A LEAK.

- 1. Turn cylinder valve OFF.
- 2. If leak is detected at hose/regulator connection, tighten connection and perform another leak test. If bubbles continue to appear, call our customer service hotline at **1-866-985-7877**, 9 a.m. 6 p.m., EST, Monday Friday.
- 3. If leak is detected at regulator/cylinder valve connection, disconnect, reconnect, and perform another leak check. If you continue to see bubbles after several attempts, cylinder valve is defective. Call our customer service hotline at **1-866-985-7877**, 9 a.m. 6 p.m., EST, Monday Friday

# IF NO BUBBLES APPEAR AT ANY CONNECTION, THE CONNECTIONS ARE SECURE. Note: Whenever gas connections are loosened or removed, you must perform a complete leak test.



CARBON MONOXIDE HAZARD

This appliance can produce carbon monoxide which has no odor. Using it in an enclosed space can kill you. Never use this appliance in an enclosed space such as a camper, tent or home.

**Caution:** Do not attempt to operate this appliance until you have read and understand all Safety Information in this manual and all assembly is complete and leak checks have been performed.

#### **Before Turning Gas Supply ON:**

- 1. Your heater was designed and approved for OUTDOOR use only. Do NOT use it inside a building, garage, or any other enclosed area.
- 2. Make sure surrounding areas are free of combustible materials, gasoline, and other flammable vapors or liquids.
- 3. Ensure that there is no obstruction to air ventilation. Be sure all gas connections are tight and there are no leaks.
- 4. Be sure the cylinder cover is clear of debris. Be sure any component removed during assembly or servicing is replaced and fastened prior to starting.

#### **Before Lighting:**

- 1. Heater should be thoroughly inspected before each use, and by a qualified service person at least annually. If re-lighting a hot heater, always wait at least 5 minutes.
- 2. Inspect the hose assembly for evidence of excessive abrasion, cuts, or wear. Suspected areas should be leak tested. If the hose leaks, it must be replaced prior to operation. Only use the replacement hose assembly specified by the manufacturer.

#### **OPERATING INSTRUCTIONS**

#### Lighting:

NOTE: NOTE: For initial start-up or after any cylinder change, hold the Control Knob in for 2 minutes to purge air from all gas lines before proceeding. When lighting the burner make sure that the Control Knob is held in while pressing the igniter button. The Control Knob can be released after the burner has been lit for 15-30 seconds.

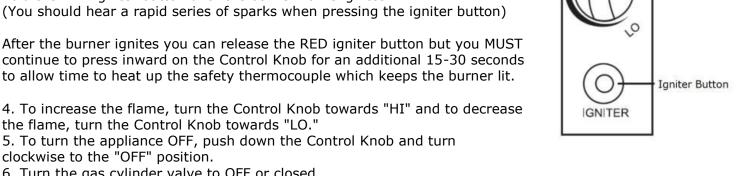
- 1. Turn the Control Knob to the "OFF" position.
- 2. Fully open the LP cylinder valve.
- 3. Press and turn the Control Knob counterclockwise 90° to the "HI" position.

While pressing inward on the Control Knob in the "HI" position also press and hold the RED igniter button until the burner flame ignites.

After the burner ignites you can release the RED igniter button but you MUST continue to press inward on the Control Knob for an additional 15-30 seconds

- 4. To increase the flame, turn the Control Knob towards "HI" and to decrease the flame, turn the Control Knob towards "LO."
- 5. To turn the appliance OFF, push down the Control Knob and turn clockwise to the "OFF" position.
- 6. Turn the gas cylinder valve to OFF or closed.
- 7. Wait at least 5 minutes before attempting to re-light the heater

If you experience any ignition problems, please consult "Troubleshooting" on page 21. **Caution**: Avoid inhaling fumes emitted from the heater's first use. Smoke and odor from the burning of oils used in the manufacturing will appear. Both smoke and odor will dissipate after approximately 30 minutes. The heater should NOT produce thick black smoke.



Control Knob

# WARNING

FOR YOUR SAFETY

Be careful when attempting to manually ignite this heater. Holding in the control knob for more than 10 seconds before igniting the gas will cause a ball of flame upon ignition.

#### When Heater is ON:

Emitter screen will become bright red due to intense heat. The color is more visible at night. Burner will display tongues of blue and vellow flame. These flames should not be vellow or produce thick black smoke, indicating an obstruction of airflow through the burners. The flame should be blue with straight yellow tops. If excessive yellow flame is detected, turn off heater and consult "Troubleshooting" on page 21.

#### Re-Lighting:

**Note**: For your safety, the Control Knob cannot be turned OFF without first depressing the Control Knob and then rotating to OFF.

- 1. Turn Control Knob to OFF.
- 2. Wait at least 5 minutes to allow gas to dissipate before attempting to re-light pilot.
- 3. Repeat the "Lighting" steps listed above on page 18.



FOR YOUR SAFFTY

Heater will be hot after use. Handle with extreme care.

#### Shut Down:

1. Turn Control Knob clockwise to OFF while depressing the knob.

(Normally, burner will make a slight popping noise when extinguished).

2. Turn cylinder valve clockwise to OFF and disconnect regulator when heater is not in use.

**NOTE**: After use, some discoloration of the emitter screen is normal.

#### **OPERATING INSTRUCTIONS**

#### **Operation Checklist:**

For a safe and pleasurable heating experience, perform this check before each use:

#### **Before Operating:**

- 1. I am familiar with entire owner's manual and understand all precautions noted.
- 2. All components are properly assembled, intact and operable.
- 3. No alterations have been made.
- 4. All gas connections are secure and do not leak.
- 5. Wind velocity is below 10 mph.
- 6. Unit will operate at reduced efficiency below 40 degrees F.
- 7. Heater is for use outdoors (outside any enclosure).
- 8. There is adequate fresh air ventilation.
- 9. Heater is away from gasoline or other flammable liquids or vapors.
- 10. Heater is away from windows, air intake openings, sprinklers and other water sources.
- 11. Heater is at least 36 in. on top and at least 24 in. on sides from combustible materials.
- 12. Heater is on a hard and level surface.
- 13. There are no signs of spider or insect nests in heater orifices.
- 14. All burner passages are clear.
- 15. All air circulation passages are clear.
- 16. Children and adults should be alerted to the hazards of high surface temperatures and should stay away to avoid burns or clothing ignition.
- 17. Young children should be carefully supervised when they are in the area of the heater.
- 18. Clothing or other protective material should not be hung from the heater, or placed on or near the heater.
- 19. Any guard or other protective device removed for servicing the heater must be replaced prior to operating the heater.
- 20. Installation and repair should be done by a qualified service person. The heater should be inspected before each use and at least annually by a qualified service person.
- 21. More frequent cleaning may be required as necessary. It is imperative that control compartment burner and circulating air passageways of the heater be kept clean and free of debris and/or spider or insect nests.

#### **After Operation**:

- 1. Gas Control Knob is in OFF position.
- 2. Gas tank valve is OFF.
- 3. Disconnect gas line.

#### CARE AND MAINTENANCE



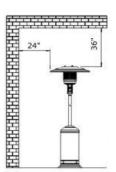
#### FOR YOUR SAFETY

- \* Do NOT touch or move heater for at least 45 minutes after use.
- \* Reflector is hot to the touch.
- \* Allow reflector to cool before touching.

To enjoy years of outstanding performance from your heater, make sure you perform the following maintenance activities on a regular basis:

#### **Keep exterior surfaces clean.**

- 1. Use soapy water for cleaning. Never use flammable or corrosive cleaning agents.
- 2. While cleaning your unit, be sure to keep the area around the burner and control compartment dry at all times. Do not submerge the control valve assembly. If the gas control is submerged in water, do NOT use it. It must be replaced.
- 3. Air flow must be unobstructed. Keep controls, burner, and circulating air passageways clean. Signs of possible blockage include:
  - Gas odor with extreme yellow tipping of flame.
  - Heater does NOT reach the desired temperature.
  - Heater glow is excessively uneven.



#### CARE AND MAINTENANCE

- Heater makes popping noise.
- Spiders and insects can nest in burner or orifices. This dangerous condition can damage heater and render it unsafe for use. Clean burner holes by using a heavy-duty pipe cleaner. Compressed air may help clear away smaller particles.
- Carbon deposits may create a fire hazard. Clean dome and burner screen with warm soapy water if any carbon deposits develop.

Note: In a salt-air environment (such as near an ocean), corrosion occurs more quickly than normal. Frequently check for corroded areas and repair them promptly.

#### **TIP (FOR STAINLESS STEEL MODELS):**

Use high-quality automobile wax to help maintain the appearance of your heater. Apply to exterior surfaces from the post down. DO NOT apply to emitter screen or domes.

#### Storage:

Between uses:

- Turn Control Knob OFF.
- Disconnect LP source.
- Store heater upright in an area sheltered from direct contact with inclement weather (such as rain, sleet, hail, snow, dust and debris).
- If desired, cover heater to protect exterior surfaces and to help prevent build-up in air passages. Never leave LP cylinder exposed to direct sunlight or excessive heat.

**Note**: Wait until heater is cool before covering.

**CAUTION:** When using a patio heater cover or other material to cover the heater it is **extremely important** to make sure that the heater is properly secured. A patio heater cover will tend to act as a "sail" potentially causing the heater to blow over during severe winds.

#### Service:

Only a qualified service person should repair gas passages and associated components.

**Caution**: Always allow heater to cool before attempting service.

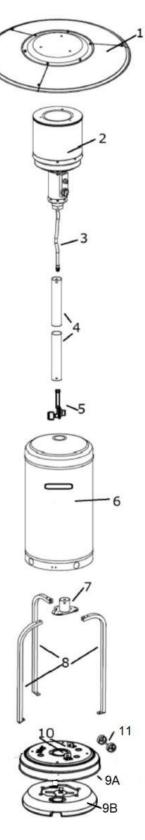
### TROUBLESHOOTING

If you have any questions regarding this product, please call our customer service hotline at 1-866-985-7877, 9a.m. – 6 p.m. (EST), Monday – Friday, or email us at <a href="mailto:cservice@welltraveled.net">cservice@welltraveled.net</a>.

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
	Gas valve may be off	Turn gas valve ON
	Fuel tank may be empty	Refill LPG tank
	Orifice blocked	Clean or replace orifice
	Air in supply system	Purge air from lines. Open gas lines and depress Control Knob for 2-3 mins.
Main lavona au viill	Loose connection	Check all fittings
Main burner will not light	Igniter fails	Use stick lighter to manually light
	Gas pressure low with valve open full	Replace cylinder or regulator
	New cylinder or 1st ignition	Purge air from lines
	Cylinder valve on, no gas flow	Replace hose/regulator assembly
	AAA battery behind igniter button is dead	Replace with a new AAA battery
Low burner flame	Pressure is low	Replace LPG tank
	Tank is low on fuel	Fill LPG tank
	Gas hose is kinked	Check & straighten or replace
	Control Knob at max	Check for obstruction at passageways and orifices
Burner unit	Carbon on reflector & emitter screen	Clean components as needed
	Thick black smoke	Blockage in burner assemblythoroughly clean burner

### **REPLACEMENT PARTS LIST**

For questions regarding this product or to purchase replacement parts, please call our customer service hotline at 1-866-985-7877, 9a.m. – 6 p.m. (EST), Monday – Friday, or email us at <a href="mailto:cservice@welltraveled.net">cservice@welltraveled.net</a>.



PART	DESCRIPTION	QTY
1	Reflector	3 outer pcs and 1 center cap
2	Head Assembly	1
3	Gas Hose	1 pc (attached to head assembly)
4	Post Assembly	2 pcs
5	Regulator	1
6	Tank Housing	1
7	Post Support	1
8	Support Legs	3 pcs
9A	Base	1
9B	Sand/Waterbox	1 (pre-assembled to base)
10	LPG Cylinder Holder	3
11	Wheel Assembly	1 pc (hardware is pre-assembled to wheel assembly)

<sup>\*</sup>Some XL Series models include an optional table assembly which is to be installed immediately after Step 9. Please refer to page 12 for a list of table components and assembly instructions.

#### **Distributed By:**

Well Traveled Living 716 S 8<sup>th</sup> Street Amelia Island, FL 32034 Toll Free: 866-WTL-SUPP (866-985-7877)



Web: www.wtliving.com

Email: cservice@welltraveled.net

#### 1 YEAR LIMITED WARRANTY – Customers in the Continental US

All components are warranted for a period of 1 year after date of purchase by the original owner against defects in materials and workmanship under normal use. This warranty does NOT cover normal wear and weathering, assembly and/or maintenance OR use in a commercial application if model is not designated as a commercial model. At Well Traveled Living's sole discretion, products under warranty will be repaired and/or replaced at no charge to the customer. Any returns sent back to Well Traveled Living must be sent via prepaid freight and in the original retail packaging.

For warranty service contact Well Traveled Living at the address, phone numbers or internet site and email listed in this owner's manual. Be sure to have your sales receipt, date of purchase and catalogue/model numbers available when calling. All warranty service will be coordinated by the Well Traveled Living's, Amelia Island, Florida service center.

This warranty is extended only to the original purchaser. Proof of purchase will be required before warranty service is rendered. The sales receipt is the only valid proof of purchase. This warranty only covers failures due to defects in materials or workmanship which occur during normal use. Failures and/or damage which result from accident, negligence, misuse, abuse, neglect, mishandling, alteration or modification, failure to maintain, improper assembly or maintenance, service by unauthorized agency or use of unauthorized components or damage that is attributable to acts of God are NOT covered.

\*\*\*THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED ABOVE\*\*\*

\*\*\*PURCHASER ASSUMES ALL RISKS IN THE ASSEMBLY AND OPERATION OF THIS UNIT\*\*\*

\*\*\*FAILURE TO FOLLOW WARNINGS AND OPERATIONAL INSTRUCTIONS CONTAINED IN THIS MANUAL CAN RESULT IN SEVERE PROPERTY DAMAGE AND/OR PERSONAL INJURY\*\*\*

IN NO EVENT WILL WELL TRAVELED LIVING, OR ITS DIRECTORS, OFFICERS OR AGENTS BE LIABLE TO THE PURCHASER OR ANY THIRD PARTY, WHETHER IN CONTRACT, IN TORT, OR ON ANY OTHER BASIS, FOR ANY INDIRECT, SPECIAL, PUNITIVE, EXEMPLARY, CONSEQUENTIAL, OR INCIDENTAL LOSS, COST, OR DAMAGE ARISING OUT OF OR IN CONNECTION WITH THE SALE, MAINTENANCE, USE, OR INABILITY TO USE THE PRODUCT, EVEN IF WELL TRAVELED LIVING OR ITS DIRECTORS, OFFICERS OR AGENTS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSSES, COSTS OR DAMAGES, OR IF SUCH LOSSES, COSTS, OR DAMAGES ARE FORESEEABLE. IN NO EVENT WILL WELL TRAVELED LIVING, OR ITS OFFICERS, DIRECTORS, OR AGENTS BE LIABLE FOR ANY DIRECT LOSSES, COSTS OR DAMAGES THAT EXCEED THE PURCHASE PRICE OF THE PRODUCT.

SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO THE PURCHASER.

This limited warranty gives you specific legal rights and you may also have other rights which vary from jurisdiction to jurisdiction. The provisions of the United Nations Convention on Contracts for the Sales of Goods shall not apply to this limited warranty or the sale of products covered by this limited warranty.

#### \*\*\*IMPORTANT NOTICE\*\*\*

-Do **NOT** return to place of purchase-For customer service and warranty issues contact our Customer Service Center at: (866)-985-7877 OR

Email: cservice@welltraveled.net

Customer Service Hours: Mon. – Fri. 9:00 a.m. – 6:00 p.m.

(EST)

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